

Title (en)
Cutting tool for screw conveyor device

Title (de)
Schneidsatz für eine Schnecken-Fördereinrichtung

Title (fr)
Outil de coupe pour transporteur rotatif à vis

Publication
EP 0847805 A1 19980617 (DE)

Application
EP 97121133 A 19971202

Priority
DE 19652323 A 19961216

Abstract (en)
Food residues and waste are transported by a screw conveyor with a screw (12) surrounded by a perforated screen with a washing shaft and at least one cutting member rotating about the longitudinal axis of the feed screw. A counter-cutting member (44) is mounted in a stationary position in the conveyor and close to at least one rotating cutting member. The cutting member is preferably spiral-shaped and is positioned on the periphery of the feed screw, comprising a number of cutting blades fixed to the rotating shaft (32) of the feed screw. Each blade is radially displaced with respect to the adjacent blade.

Abstract (de)
Ein Schneidsatz für eine Schneckenfördereinrichtung (10) zum Fördern von Nahrungsmittelresten umfaßt eine bereichsweise von einem Spaltsieb (14) umgebene Förderschnecke (12) mit einem Einschwemmschacht (24) sowie mindestens ein um die Längsachse der Förderschnecke rotierendes Schneidelement (27). Zusätzlich umfaßt der Schneidsatz mindestens ein Gegen-Schneidelement (44), das ortsfest in der Schneckenfördereinrichtung (10) und in engem Abstand zu dem rotierenden Schneidelement (26) angeordnet ist. <IMAGE>

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B02C 18/14; **B02C 18/40**; **B02C 19/22**; **B02C 18/42**

IPC 8 full level
B02C 18/14 (2006.01); **B02C 19/22** (2006.01); **E03C 1/266** (2006.01)

CPC (source: EP)
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